ANNUAL REPORT OF THE CENTRAL METEOROLOGICAL OBSERVATORY OF JAPAN

FOR

THE YEAR 1907.

PART II.

ON

THE BAROMETRIC DEPRESSIONS

IN

THE YEAR 1907.

PUBLISHED BY THE CENTRAL METEOROLOGICAL OBSERVATORY,

TOKIO.

1918.

THE BAROMETRIC DEPRESSIONS IN THE YEAR 1907.

JANUARY.

35.* *Jan. 20—21.* Barometric depression from the sea to the south of Formosa.

48. *Jan. 30—Feb. 1.* Barometric depression from the southern part of the Japan sea. This depresson caused a severe snowstorm over Hokkaido. The glass fell to 737.7mm at Soya on the 31st, at 2 a.m.

FEBRUARY.

60. *Feb. 9—11.* Typhoon from the Pacific to the south of the Miyakosima islands. This typhoon travelled along our south coast, causing a severe rainstorm there.

61. *Feb. 11.* Barometric depression that passed near the Bonin islands.

65. *Feb. 15—19.* Barometric depression of our south coast.

79. *Feb. 28.* Local cyclone of Central Japan.

80. *Feb. 25—28.* Continental cyclone from North China.

MARCH.

108. *March 11—15.* Continental cyclone from South China. This cyclone travelled along our Pacific coast and caused a snowstorm on the southeast coast of Japan.

117. *March 21—24.* Continental cyclone from the mean Yangtse-valley. During the visitation of this cyclone a severe rainstorm occurred in Hokkaido, The telegraphic communications were suspended for a time.

118. *March 21—24.* Barometric depression from the sea to the south of Formosa. This cyclone caused a severe rainstorm on our southeast coast.

119. *March 21—23.* Continental cyclone from Shantung.

126. *March 25—27.* Barometric depression from the Pacific to the south of the Yaeyama islands.

127. *March 26—28.* Barometric depression from the sea to the south of Formosa.

135. *March 31—April 1.* Barometric depression from the Pacific to the south of the Riukiu islands. During the passage of this depression a heavy snowstorm was experienced in the plateau of Central Japan.

136. *March 31—April 1.* Barometric depression from the sea to the northeast of Oshima, Riukius.

APRIL.

144. *April 4—6.* Continental cyclone from the upper Yangtse-valley.

151. *April 9—11.* Continental cyclone from the upper Yangtse-valley.

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* In this catalogue are given the descriptions of more important storms. The barometric depressions of minor importance are not mentioned here, but their tracks are exhibited on the charts at the end of the volume.

153. *April 11 – 15.* Continental cyclone from North China.

154. *April 11 – 15.* Continental cyclone from the Yangtse-valley.

158. *April 17 – 21.* Continental cyclone from the upper Yangtse-valley. During the visitation of this cyclone a rainstorm and rough sea prevailed in Japan.

162. *April 25 – 27.* Continental cyclone from North China.

164. *April 25 – 28.* Barometric depression from the Eastern sea of China.

167. *April 29 – May 2.* Continental cyclone from the Yangtse-valley.

168. *April 29 – May 2.* Continental cyclone from North China.

170. *April 30 – May 3.* Continental cyclone from North China.

MAY.

173. *May 3 – 6.* Continental cyclone from North China. During the passage of this cyclone southwesterly gales preveiled in Japan.

176. *May 2 – 6.* Continental cyclone from the Yangtse-valley. This cyclone caused a heavy rainstorm over Northern Japan and southwesterly gales elsewhere.

184. *May 4 – 11.* Barometric depression from the Yaeyama islands.

185. *May 8 – 11.* Continental cyclone from North China.

190. *May 16 – 20.* Barometric depression from the sea to the south of the Yaeyama islands. During the visitation of this cyclone a severe rainstorm prevailed in Western Japan and resulted in a great deal of damage in houses, buildings, bridges and others.

191. *May 16 – 19.* Continental cyclone from the Yangtse-valley.

204. *May 22 – 24.* Continental cyclone from Manchuria.

JUNE.

220. *June 3 – 6.* Continental cyclone from the lower Yangtse-valley.

221. *June 4 – 7.* Continental cyclone from South China.

228. *June 9 – 12.* Continental cyclone from the lower Yangtse-valley.

232. *June 13 – 14.* Secondary cyclone from Southern Japan.

242. *June 16 – 21.* Barometric depression from the Pacific to the south of the Yaeyama islands.

254. *June 25 – 28.* Typhoon from the Pacific to the south of the Riukiu islands.

255. *June 27 – 28.* Typhoon of Formosa. This typhoon crossed Formosa, causing a severe rainstorm over the southern part of the islands.

257. *June 29 – 30.* Continental cyclone from North Korea.

258. *June 28 – 29.* Barometric depression from the Formosa Channel.

JULY.

273. *July* 10—12. Continental cyclone from North China.

279. *July 16—19*. Typhoon from the Mariana islands. This typhoon caused a severe storm of wind and rain over the Riukiu islands. At Nafa the barometer fell as low as 738.7mm. on the 16th, at 5a.m.

280. *July 15—21*. Typhoon from the Pacific to the south of the Bonin islands. This typhoon crossed Western Japan, causing a very severe rainstorm there.

285. *July 22—26*. Barometric depression from the sea to the south of the Yaeyama islands.

AUGUST.

295. *Aug. 4—8*. Continental cyclone from the Yangtse-valley.

302. *Aug. 13—17*. Typhoon from the Pacific to the southwest of the Bonin islands. This typhoon crossed Central Japan, causing a severe rainstorm over Japan proper. A great deal of damage in property was reported.

303. *Aug. 18—26*. Typhoon from the Pacific to the east of the Riukiu islands.

304. *Aug. 19—25*. Typhoon from the Bonin islands.

306. *Ang. 26—29*. Typhoon from the Pacific to the west of the Bonins.

SEPTEMBER.

308. *Aug 31—Sept. 10*. Typhoon from the Mariana islands. This typhoon crossed Kiushiu on September 8th. At Nase, Northern Riukius the barometer fell as low as 735.8mm. on the 7th, at 4.30a.m.

311. *Sept. 16—19*. Typhoon from the Pacific to the south of the Bonin islands. This typhoon crossed Eastern Japan, causing a heavy rainfall there. At Mera the glass fell to 734.7mm. on the 28th, at 2p.m.

317. *Sept. 20—22*. Barometric depression from the Pacific between the Riukiu and Bonin islands.

320. *Sept. 27—Oct. 1*. Continental cyclone from North China.

322. *Sept. 28—Oct. 1*. Typhoon from the Bonin islands.

OCTOBER.

325. *Oct. 4—7*. Continental cyclone from the Yangtse-valley.

327. *Oct. 5—8*. Continental cyclone from North China.

330. *Oct. 8—10*. Barometric depression from the Yangtse-valley.

342. *Oct. 19—20*. Continental cyclone from the Yangtse-valley.

NOVEMBER.

357. *Nov. 6—7*. Typhoon from the Mariana islands.

367. *Nov. 19—20*. Barometric depression from the Eastern sea.

370. *Nov. 20–21.* Barometric depression from the Yaeyama islands.

371. *Nov. 26–27.* Barometric depression from the Yellow sea.

374. *Nov. 29–30.* Barometric depressicn from thc Yellow sea.

DECEMBER.

378. *Dec. 5–6.* Continental cyclone from North China.

379. *Dec. 5–6.* Continental cyclone from North Korea. Both cyclones caused a very severe snowstorm over Hokkaido. A great loss in life and property was reported.

381. *Dec. 9–10.* Continental cyclone from Mongolia.

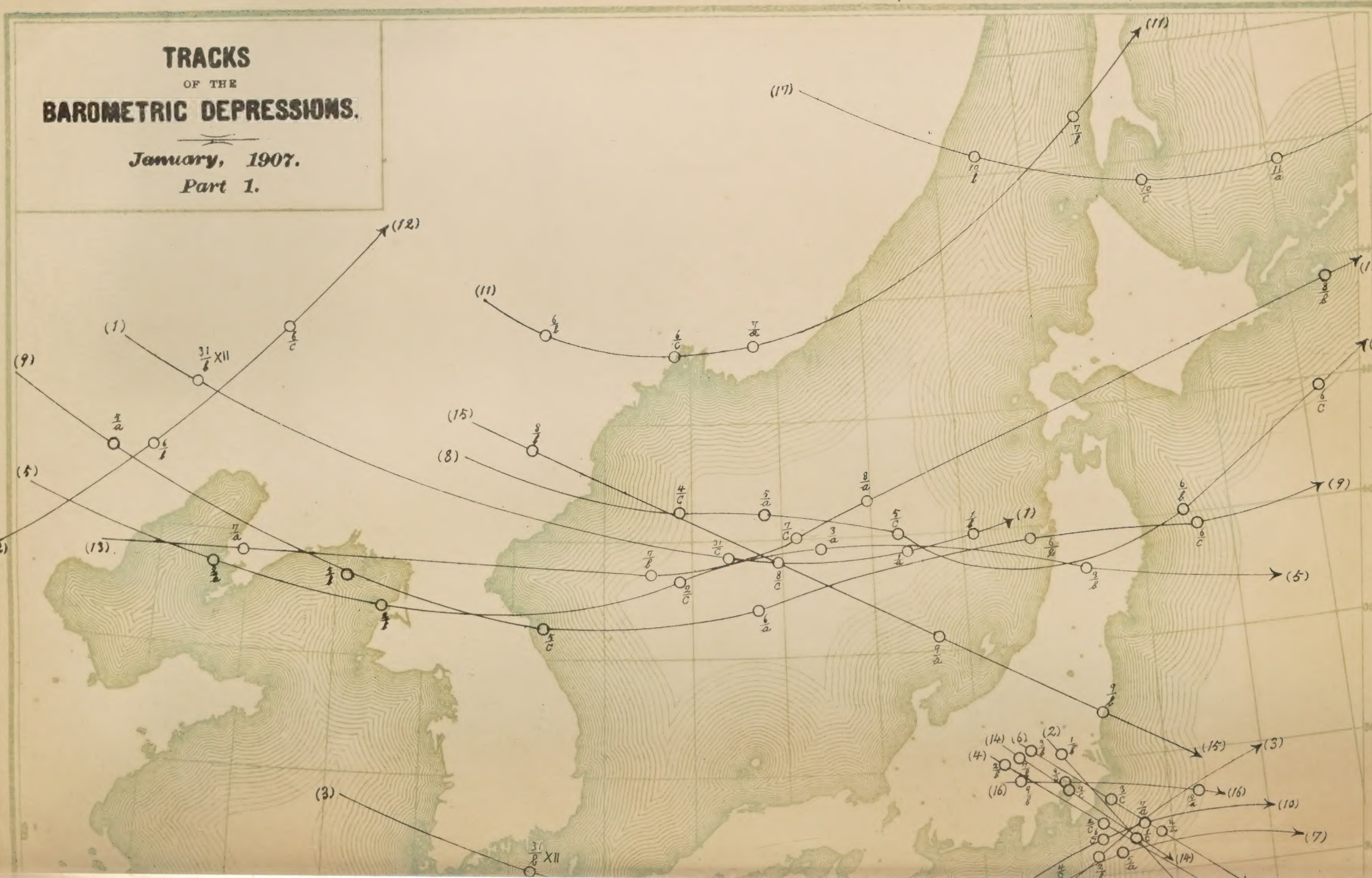
386. *Dec. 13–14.* Continental cyclone from North China.

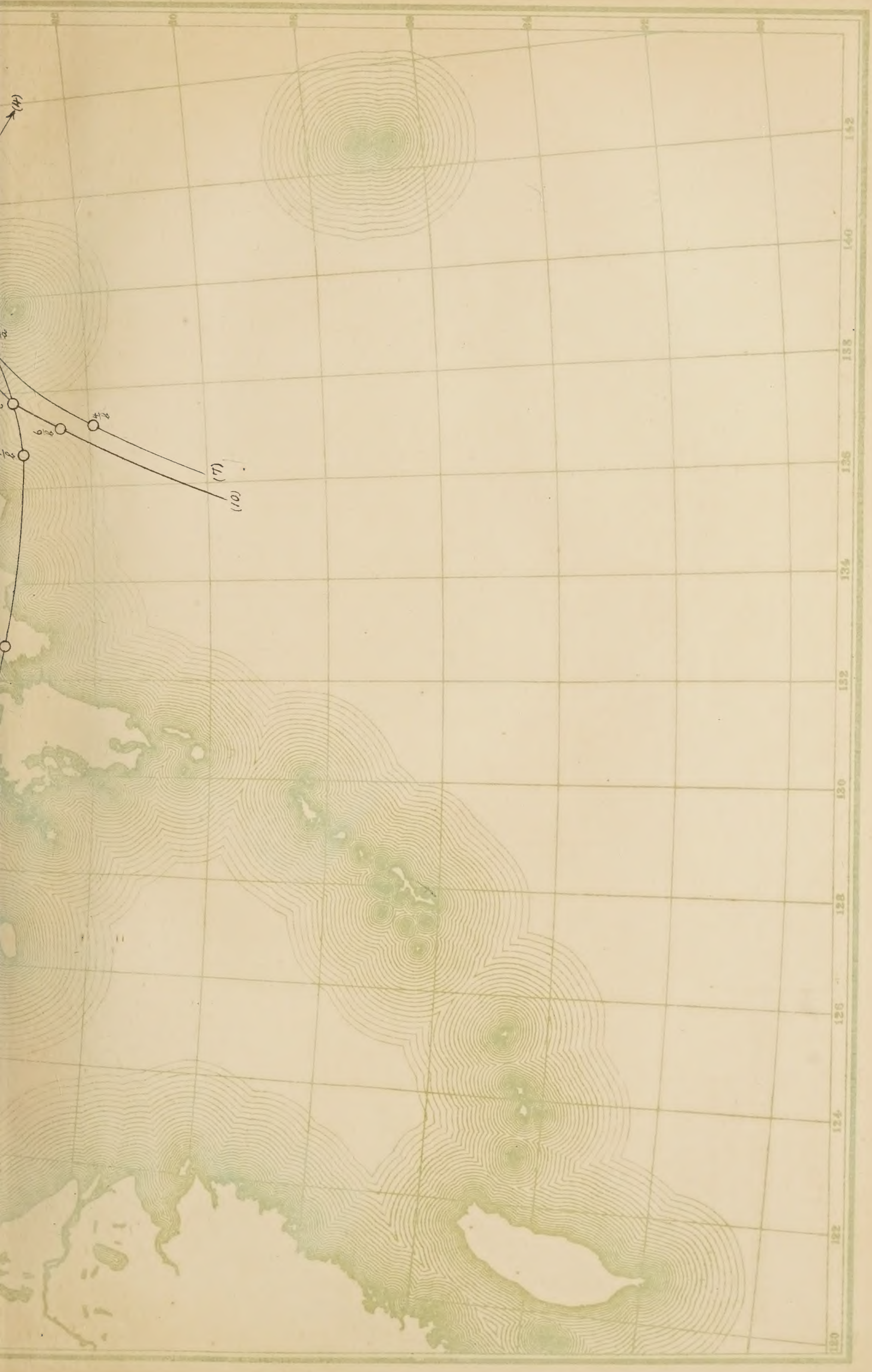
388. *Dec. 18–22.* Continental cyclone from Siberia.

389. *Dec. 19–22.* Continental cyclone from Siberia. Both cyclones attended a severe snowstorm over Northern Japan. They caused a great damage ashore and afloat.

Note.— The tracks of the barometric depressions given in the text, as well as those of minor importance that are not mentioned here are all exhibited on the charts at the end of the volume. Each of the small circles in the tracks indicates the position of the depression on the date specified by the figures printed near it, and at the hour specified by *a*, *b* and *c*, *a* meaning 6a.m, *b* 2p.m. and *c* 10p.m. Thus *3/a* means "On the 3rd, at 6a.m." and *25/c* "On the 25th, at 10p.m."

PL. I.




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PL. I.



TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
January, 1907.
Part 2.
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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.

January, 1907.
Part 3.




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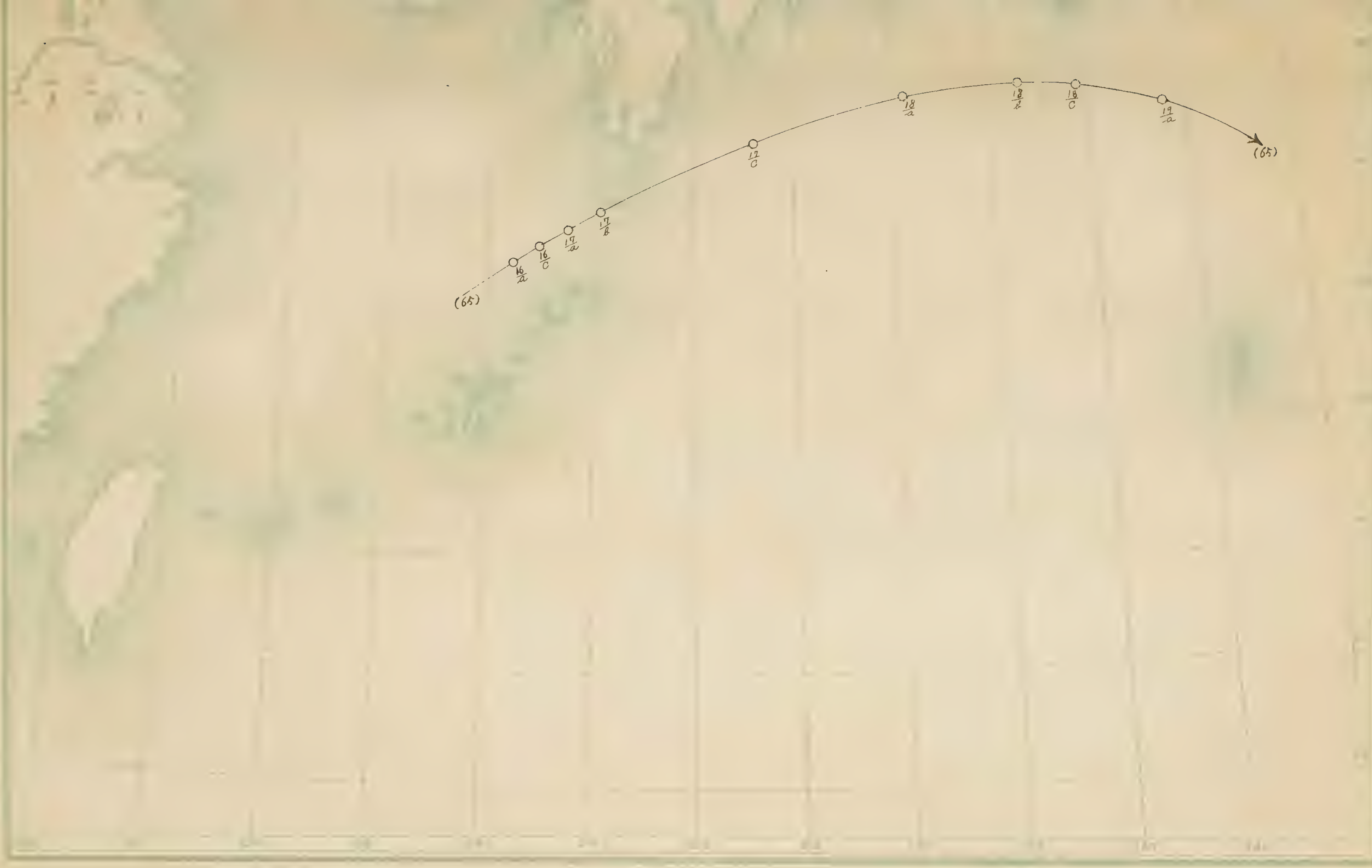
PL. II.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
February, 1907.
Part 1.
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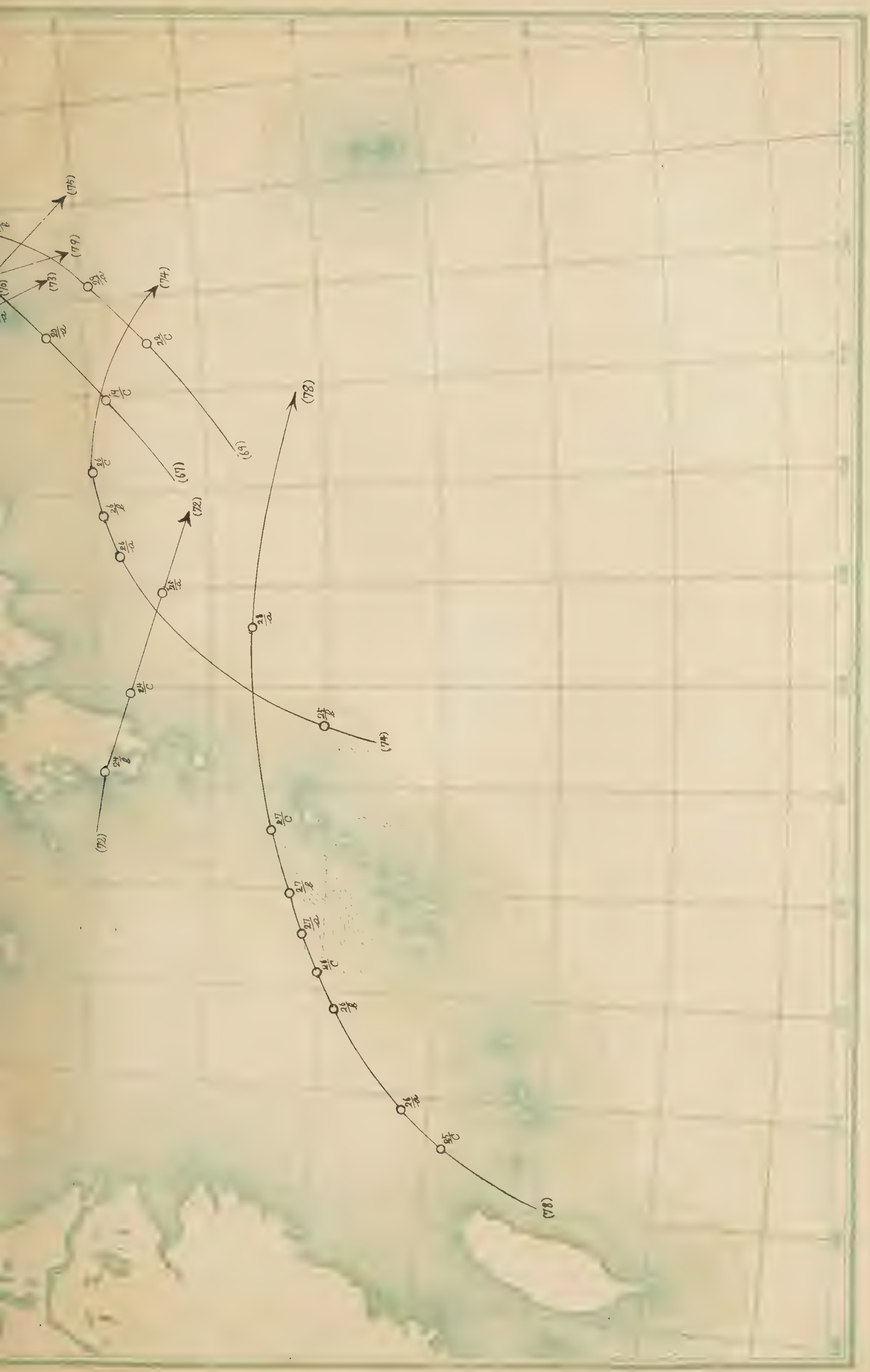
PL. II.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
February, 1907.
Part 2.
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16/a
16/c
17/a
17/b
17/c
18/a
18/b
18/c
19/a
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PL. II.





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PL. III.

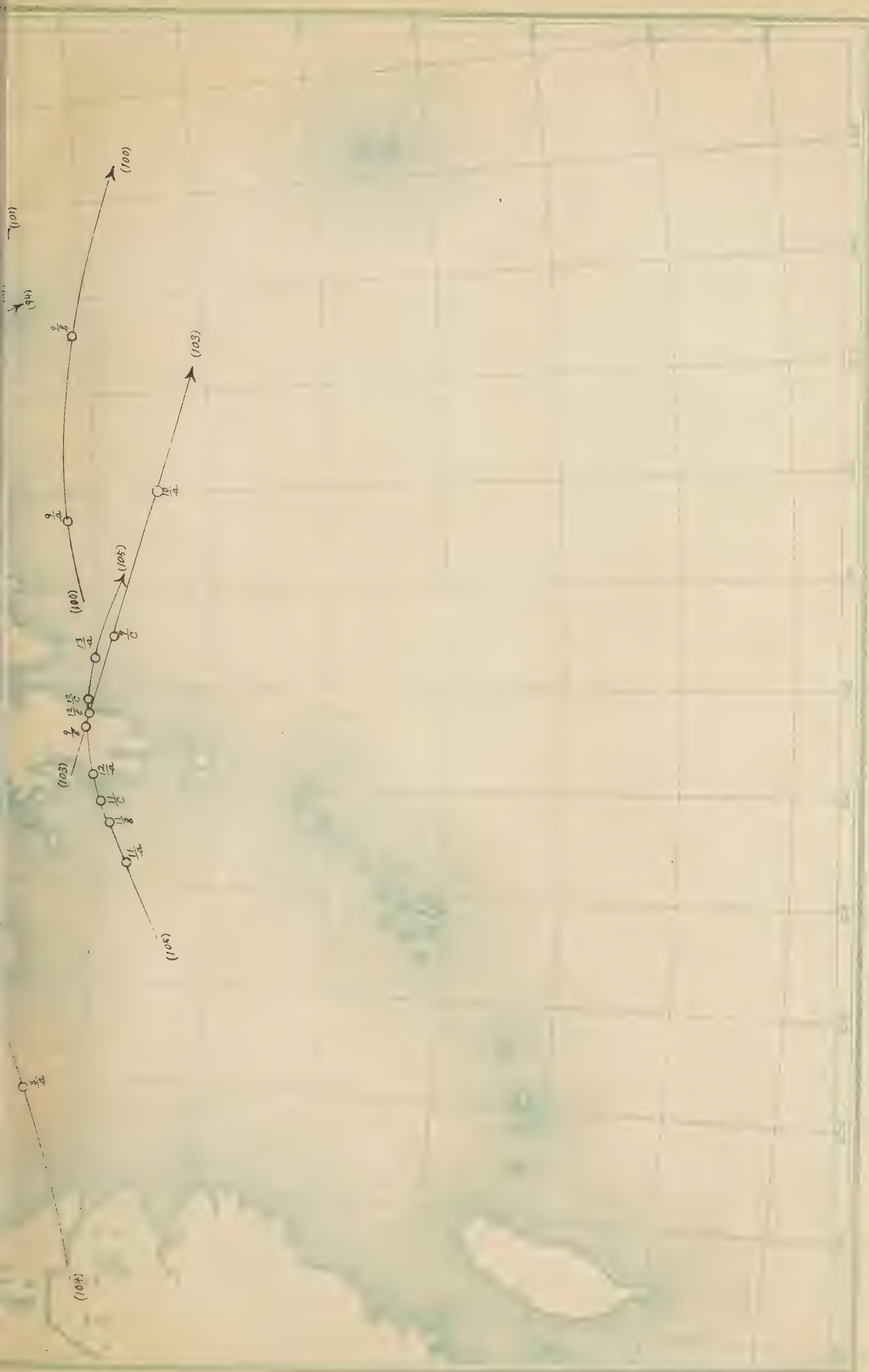

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
March, 1907.
Part 1.
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PL. III.

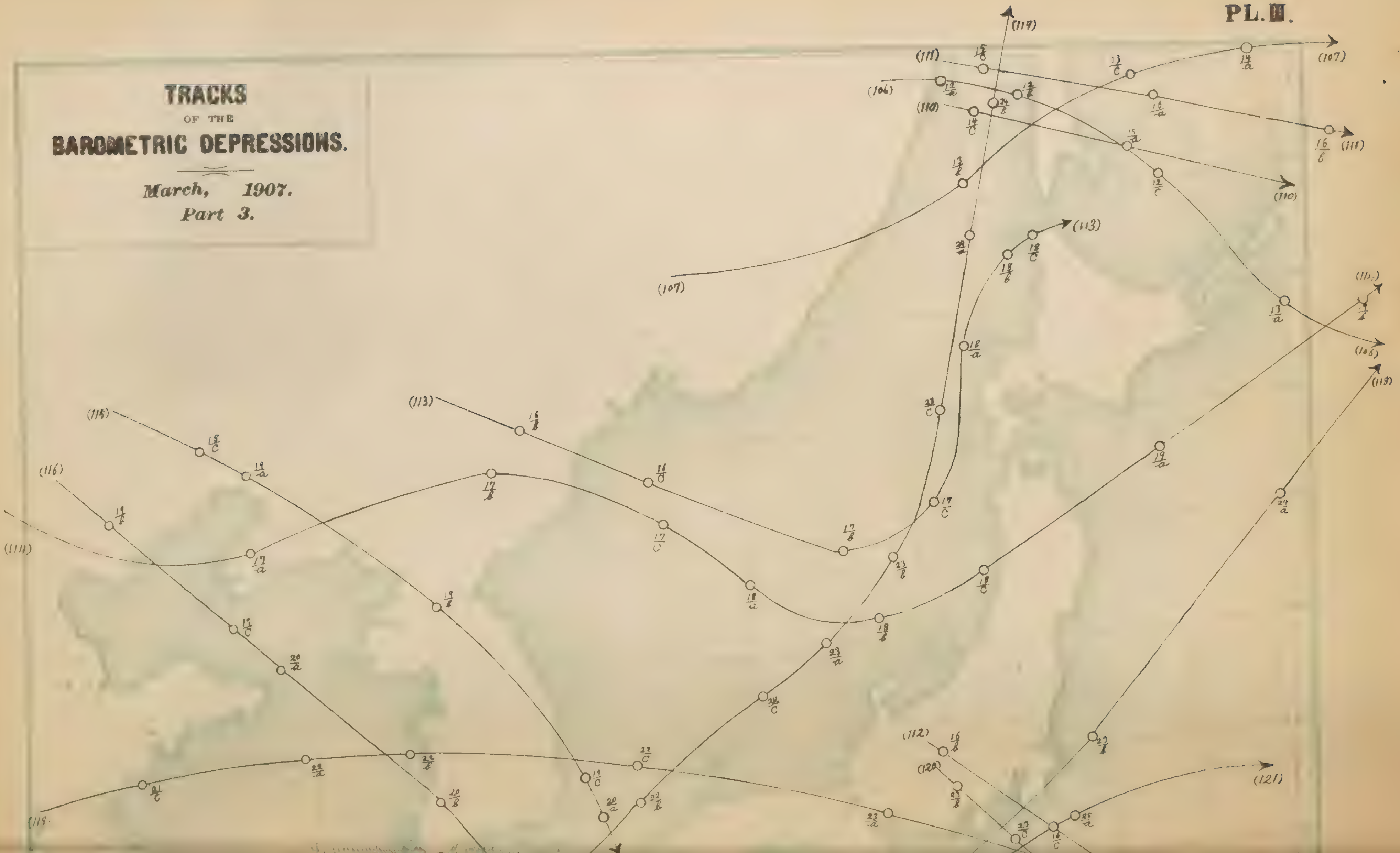

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
March, 1907.
Part 2.
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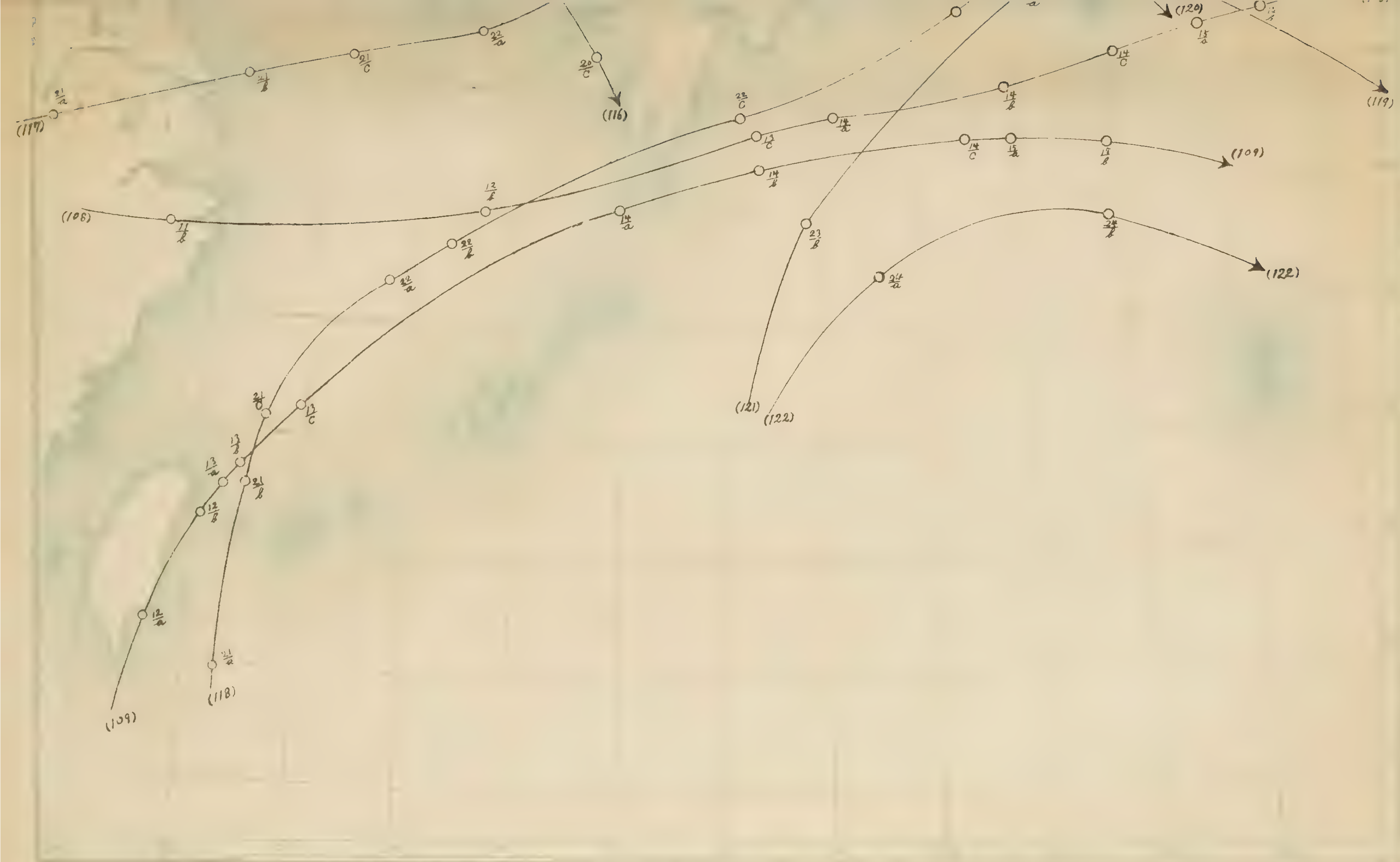

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PL. III.

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.

March, 1907.
Part 3.




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PL. II

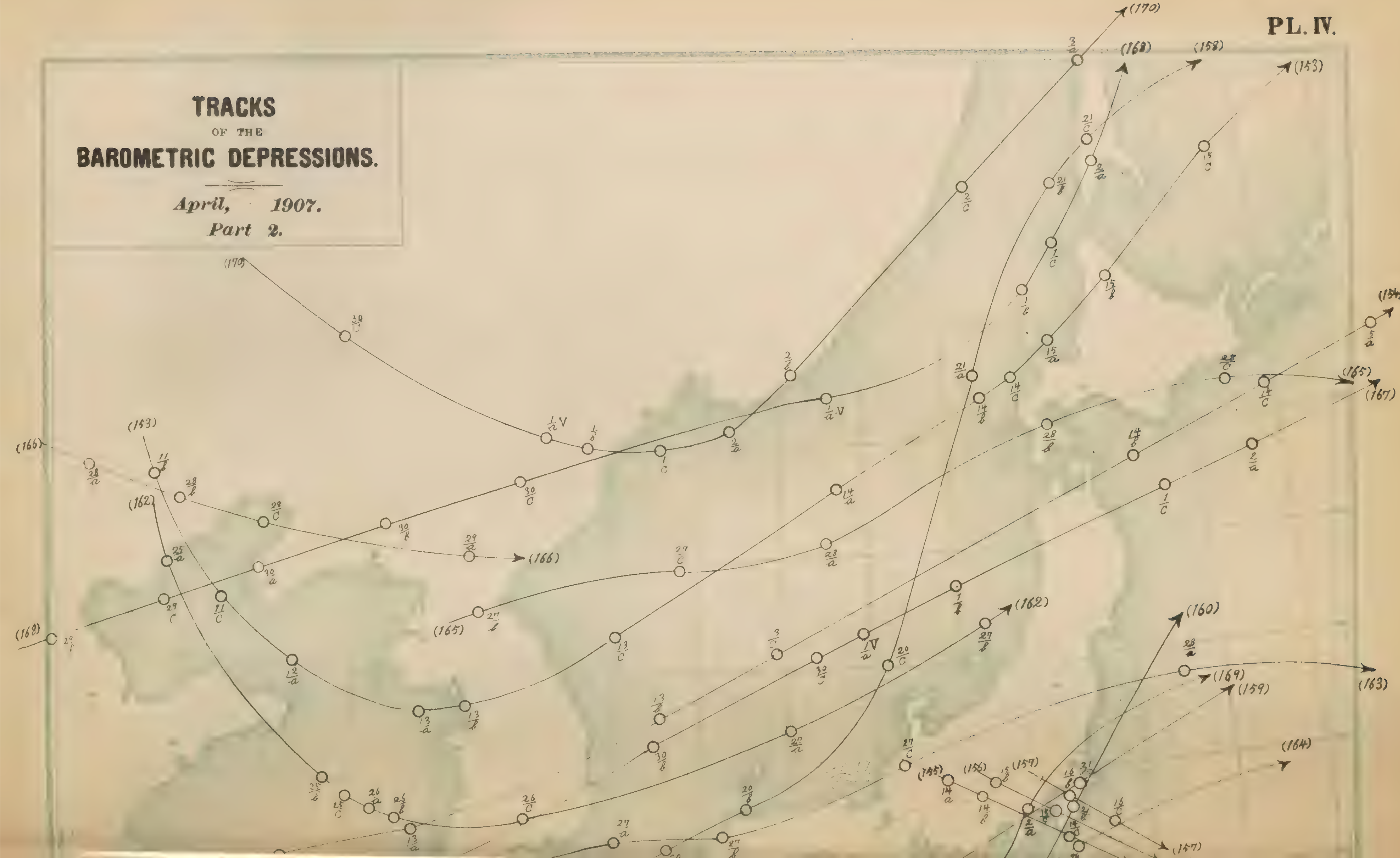

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
March, 1907.
Part 4.
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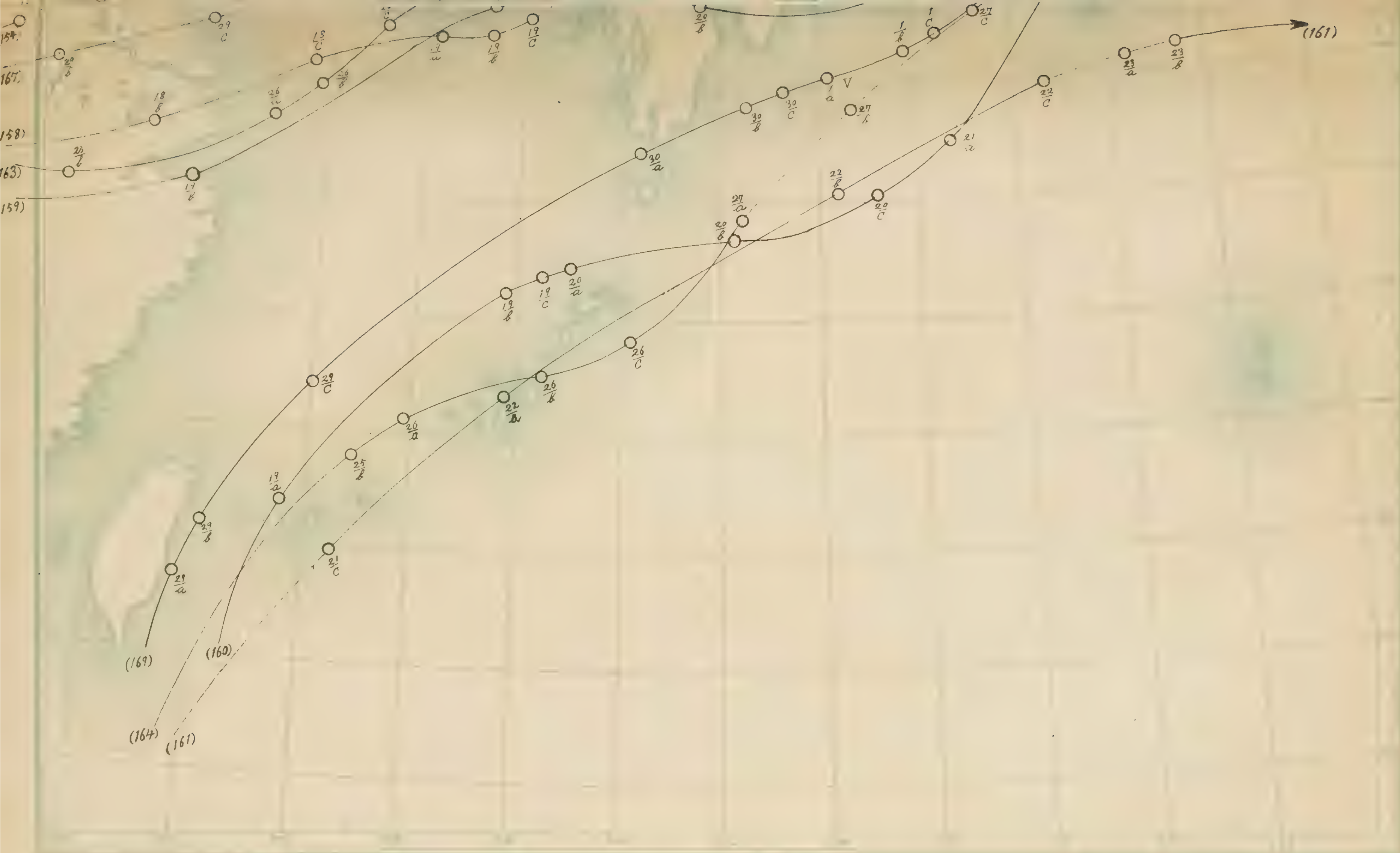

TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
April, 1907.
Part 1.
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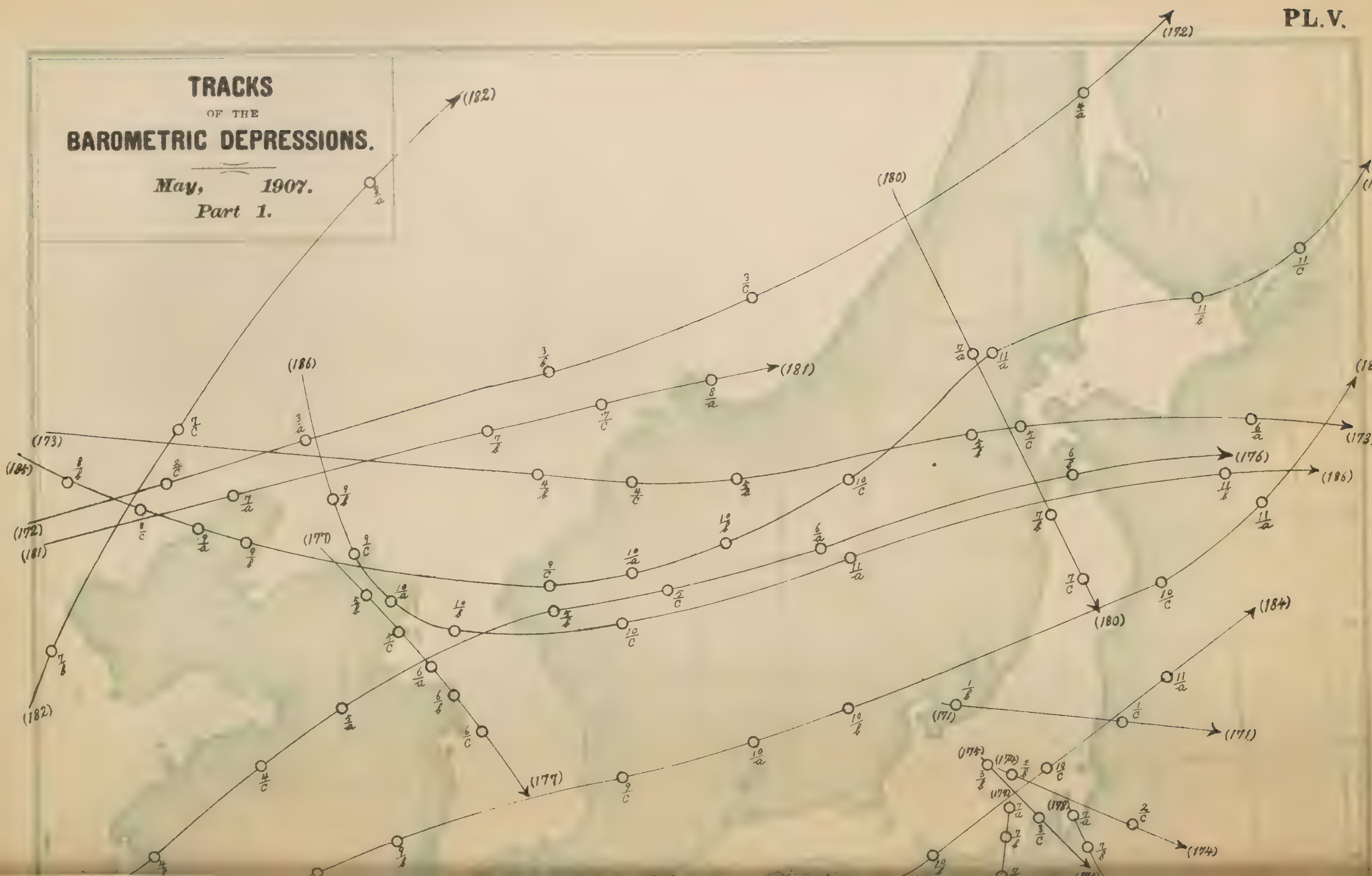


PL. IV.



TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
April, 1907.
Part 2.
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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
May, 1907.
Part 1.



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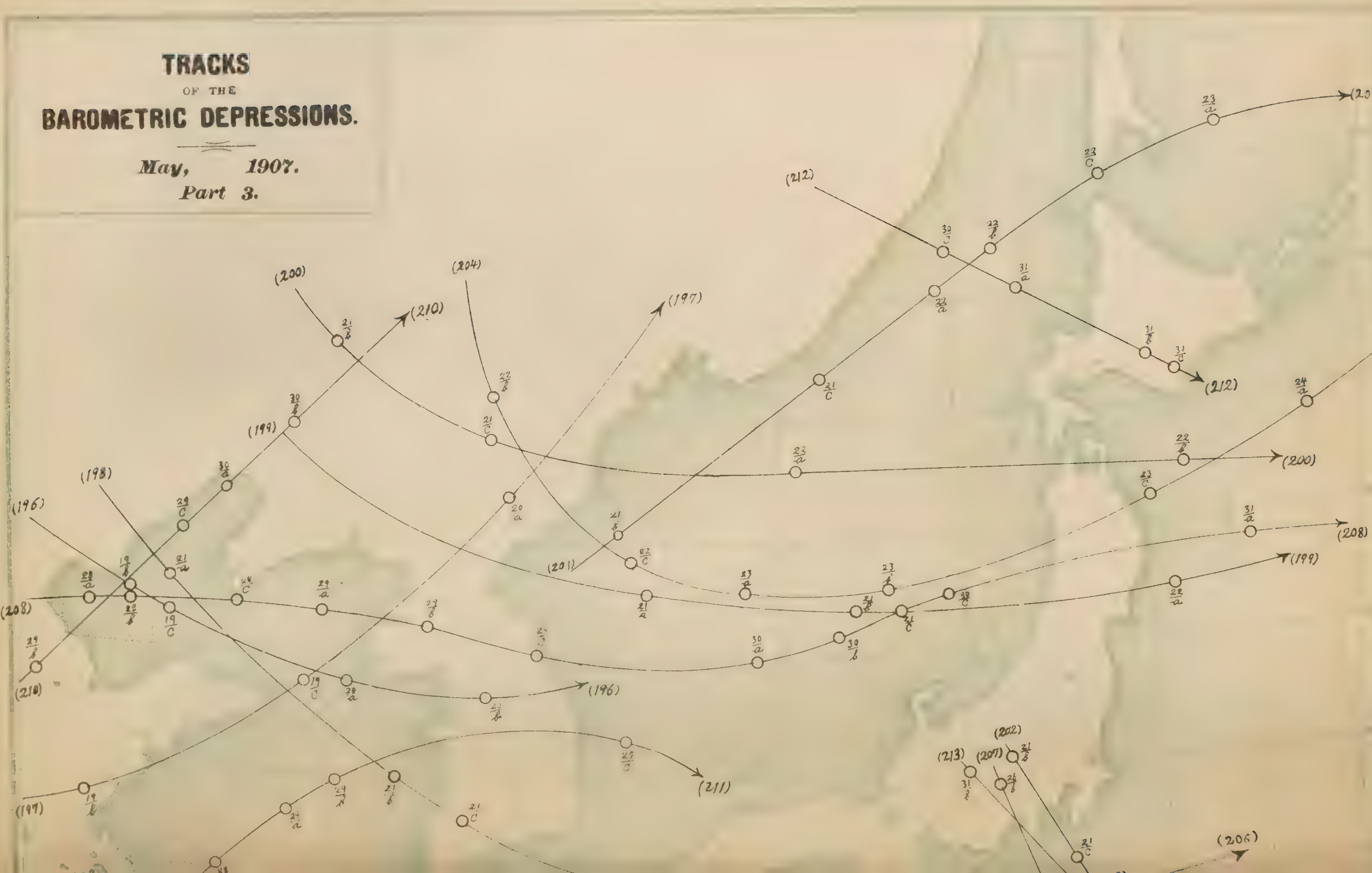
PL. V.

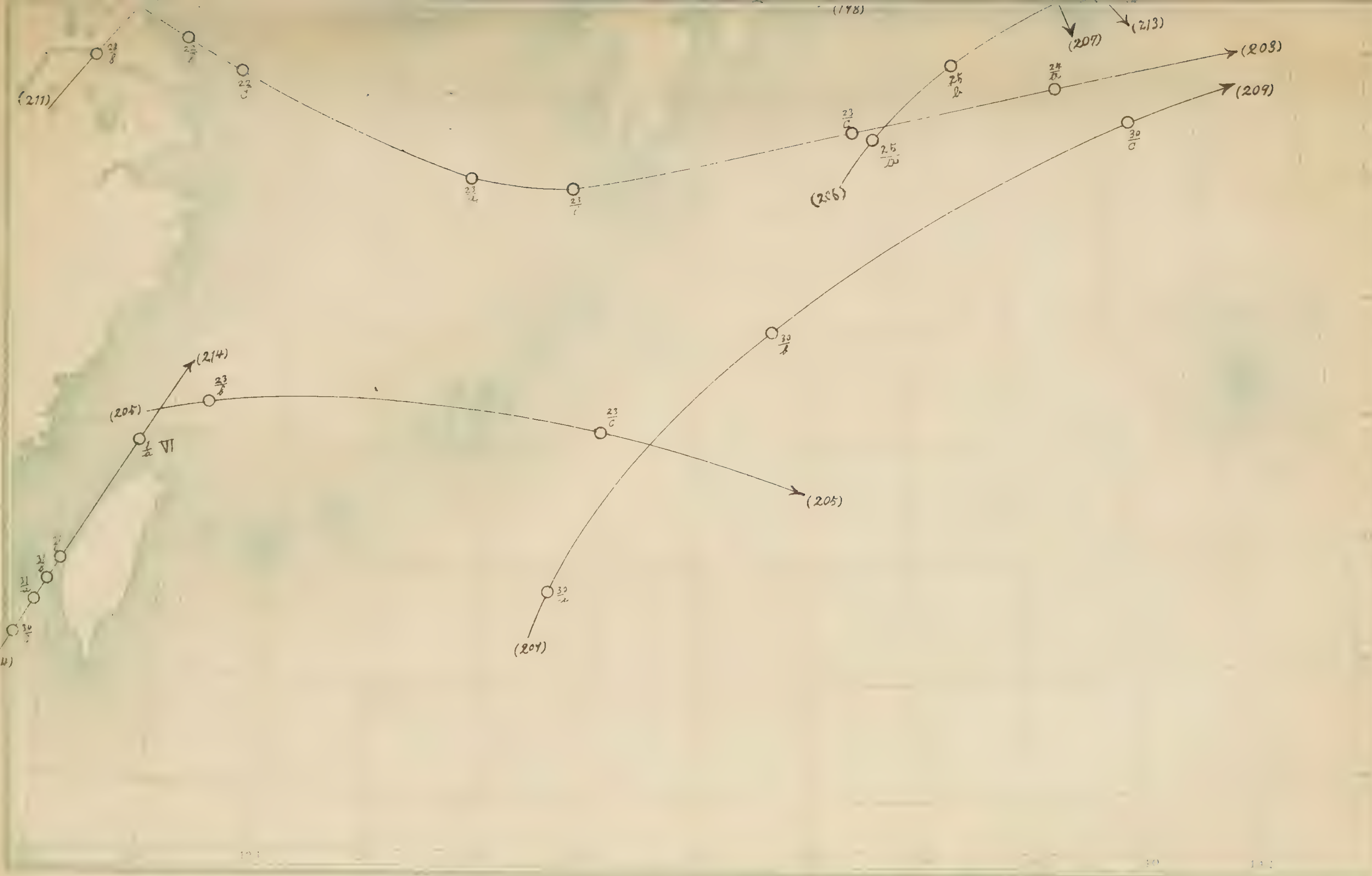


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
May, 1907.
Part 2.
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16/c
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16/c
16/b
18/a
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PL. V.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
May, 1907.
Part 3.
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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
June, 1907.
Part 1.
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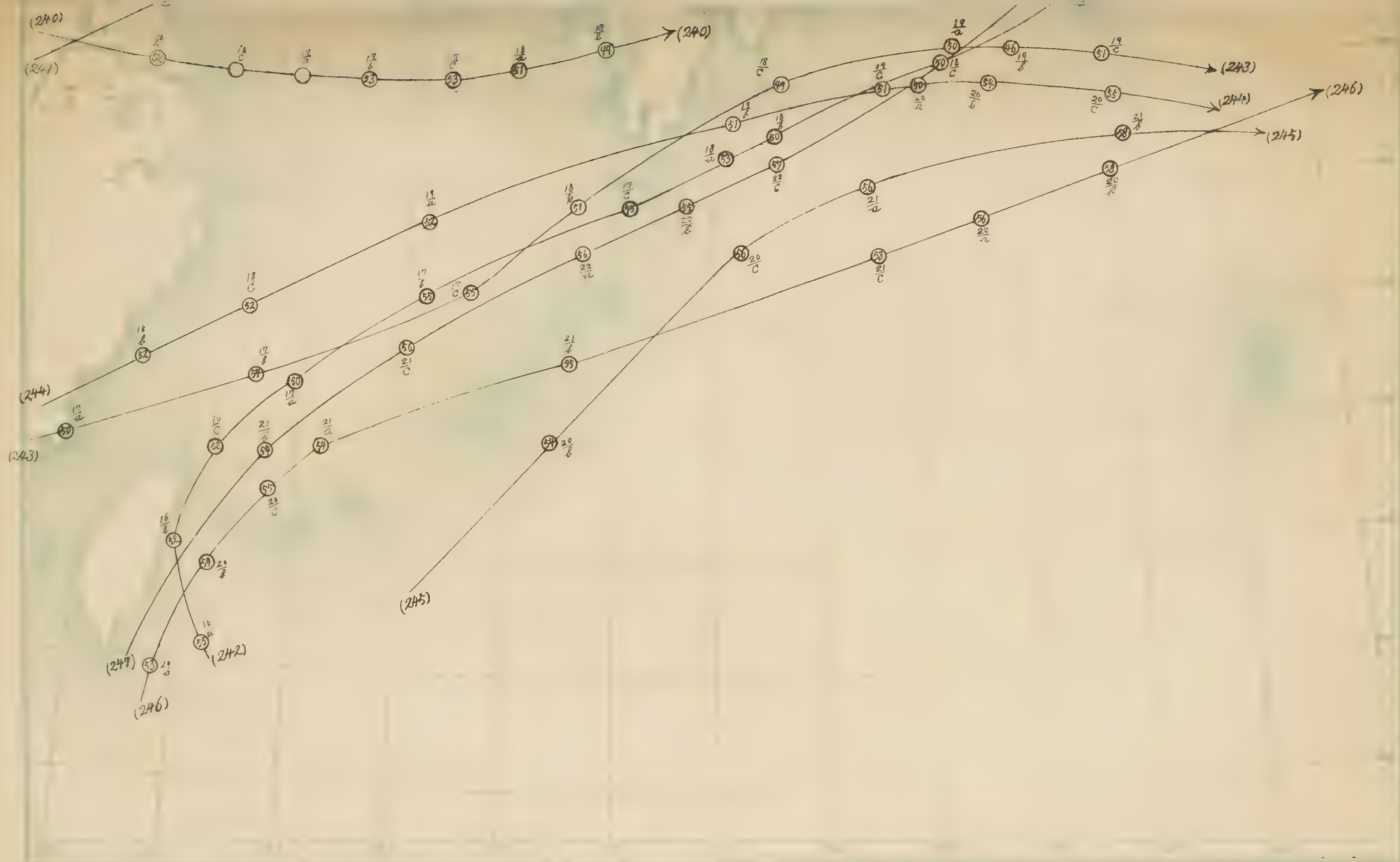
PL. VI.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
June, 1907.
Part 2.
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PL. VI.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
June, 1907.
Part 3.
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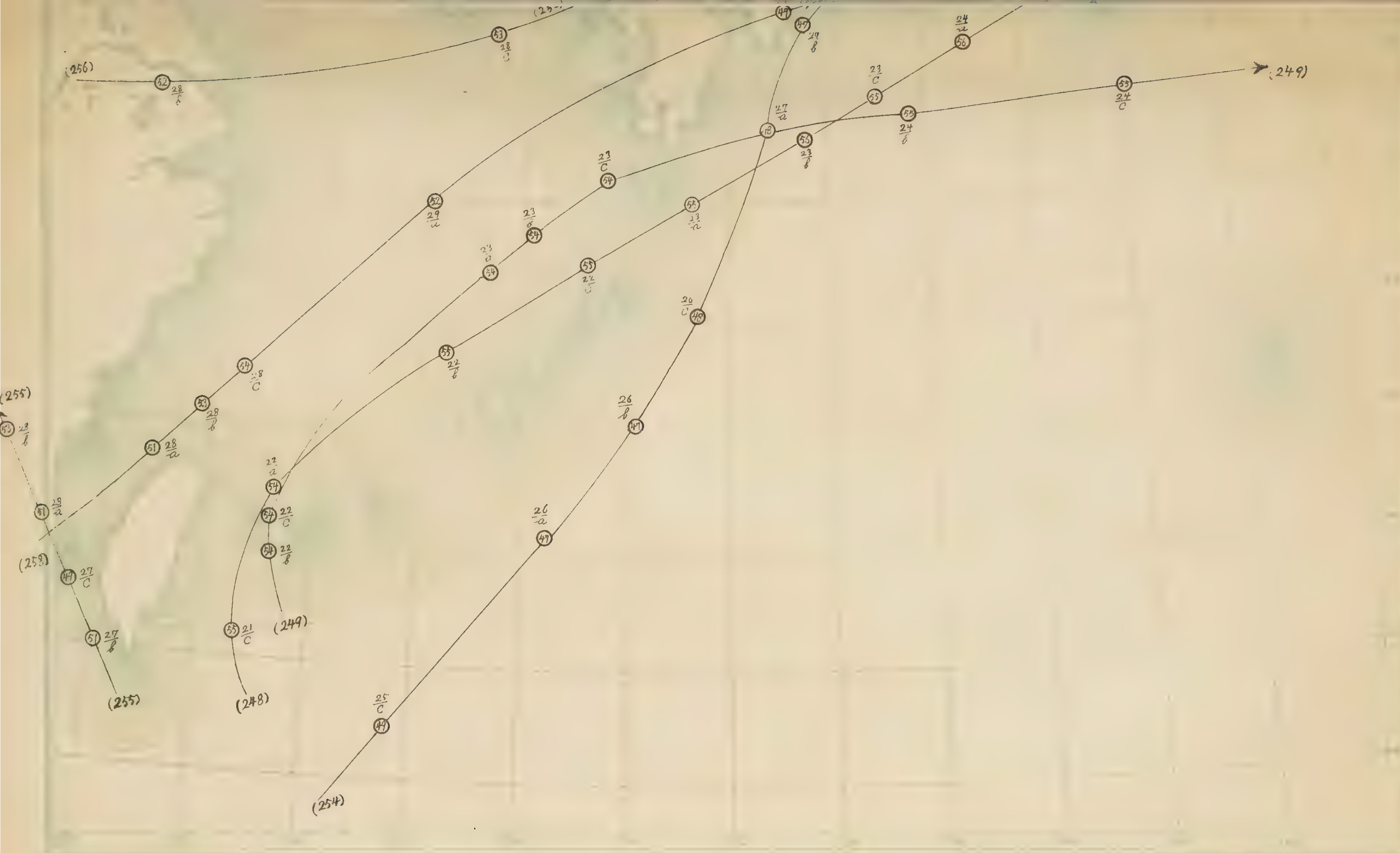

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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.

June, 1907.

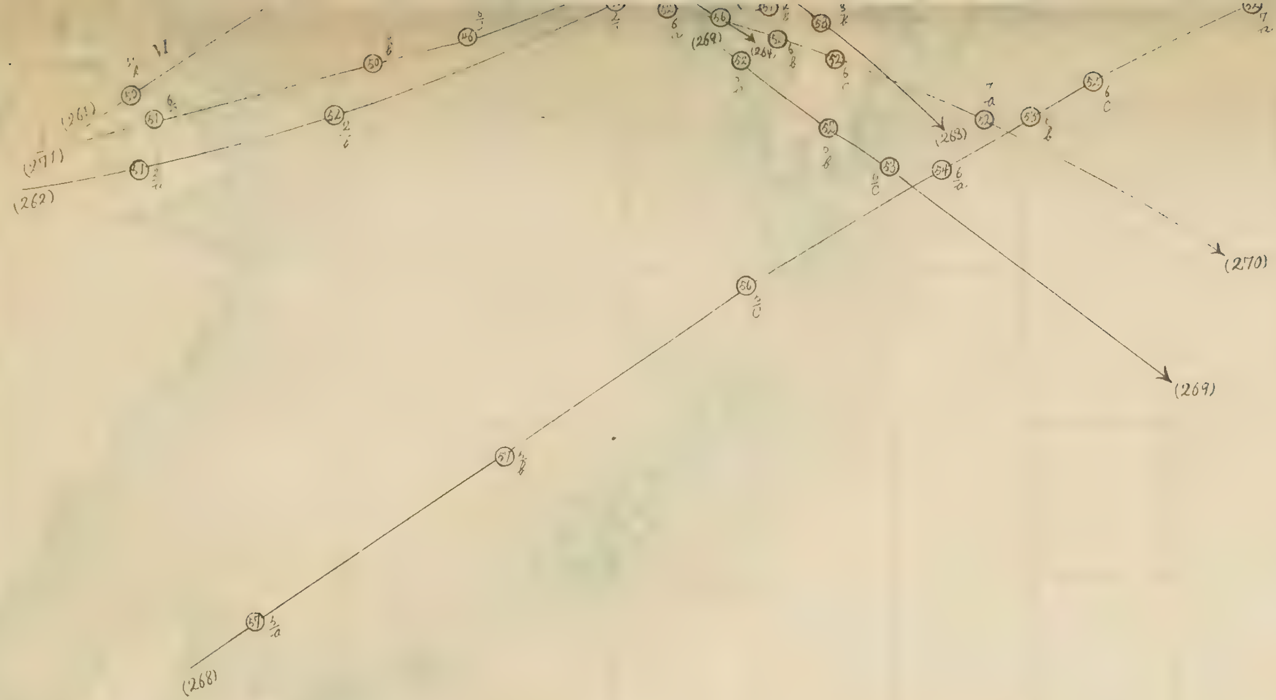
Part 4.




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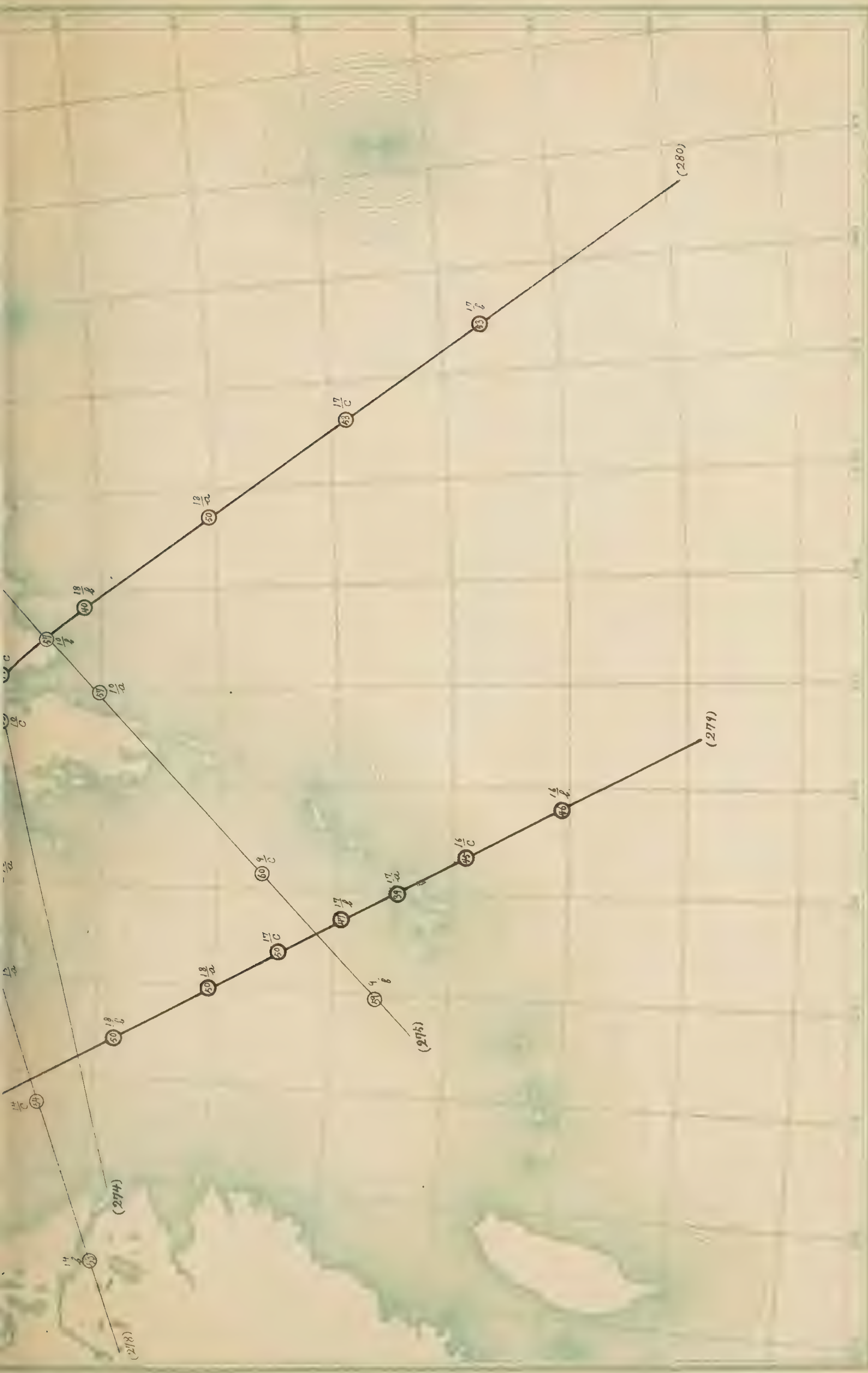
PL. VII.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
July, 1907.
Part 1.
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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
July, 1907.
Part 2.
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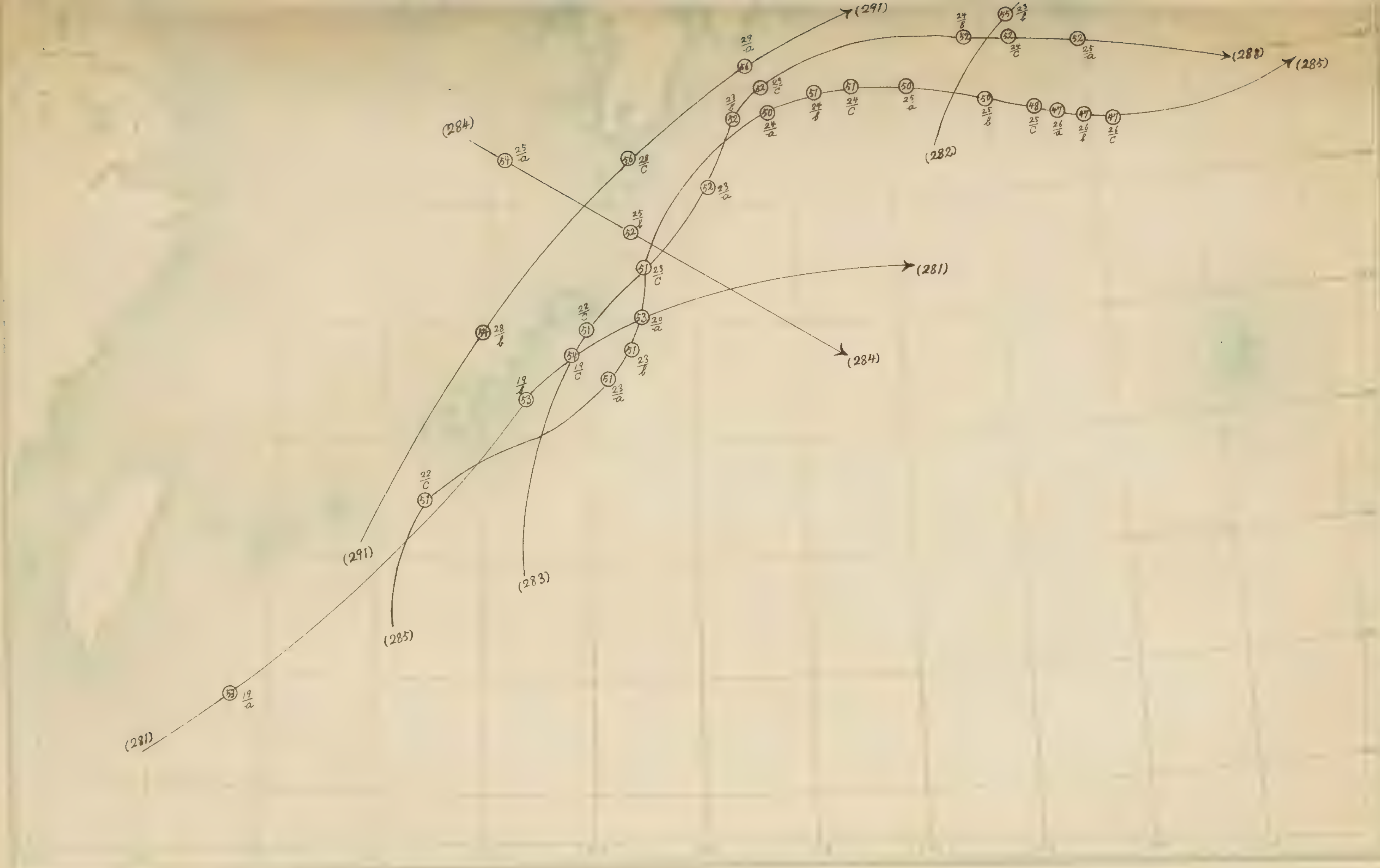
PL. VII.

TRACKS OF THE BAROMETRIC DEPRESSIONS.

July, 1907.

Part 3.





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PL. VIII.



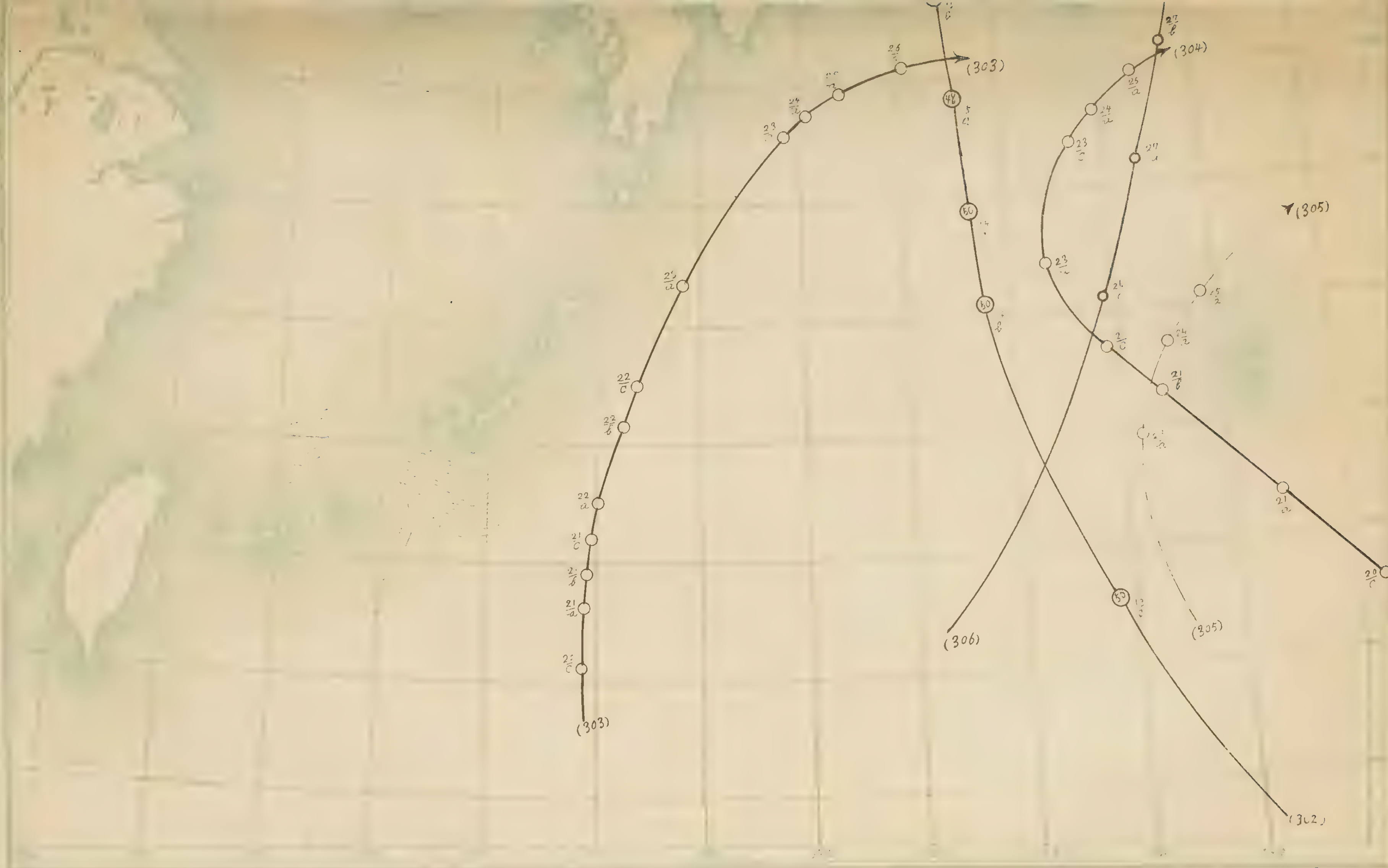
TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
August, 1907.
Part 1.
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PL. VIII.



TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
August, 1907.
Part 2.
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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
September, 1907.
Part 1.
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TRACKS

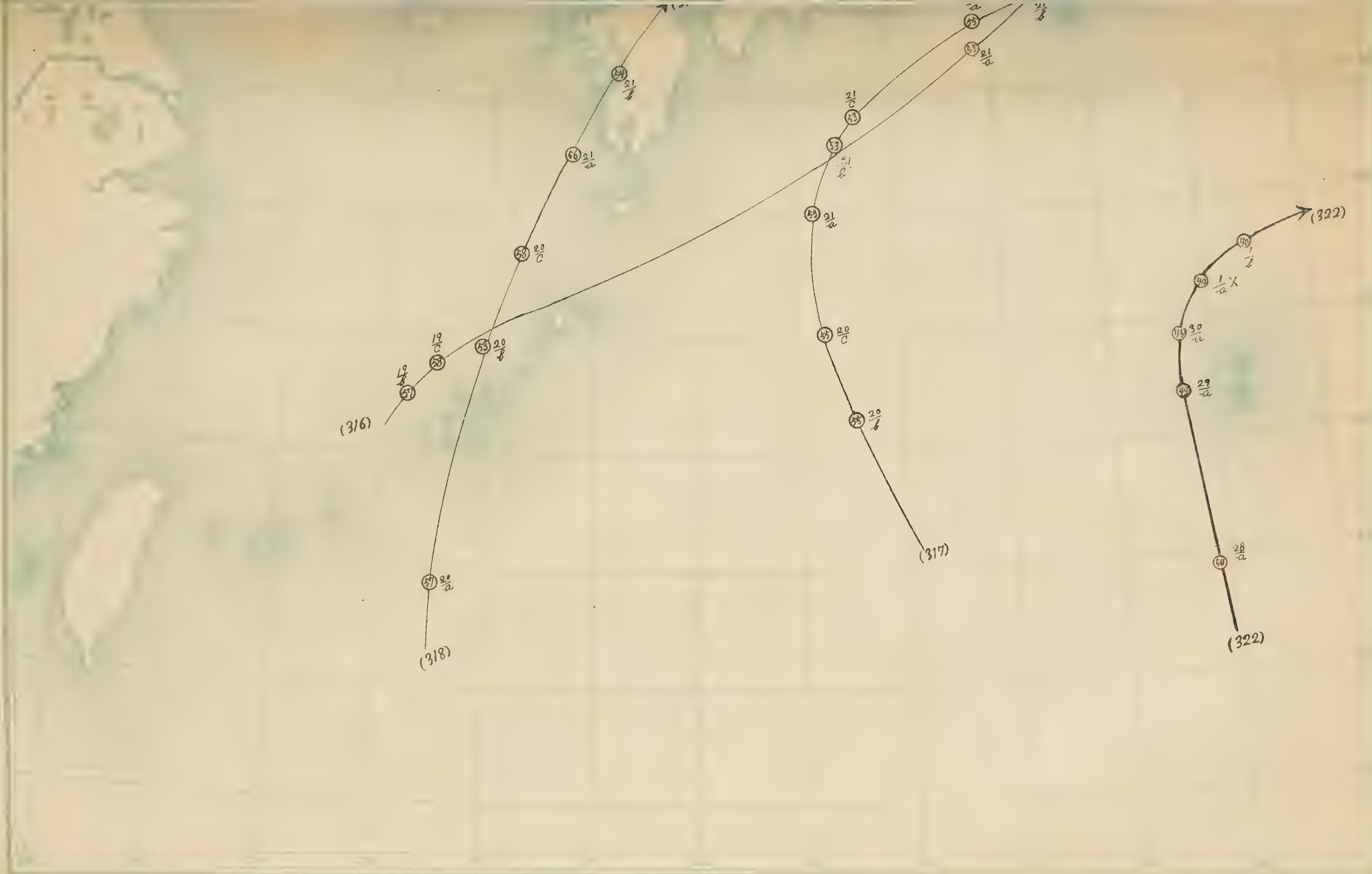
OF THE

BAROMETRIC DEPRESSIONS.

September, 1907.

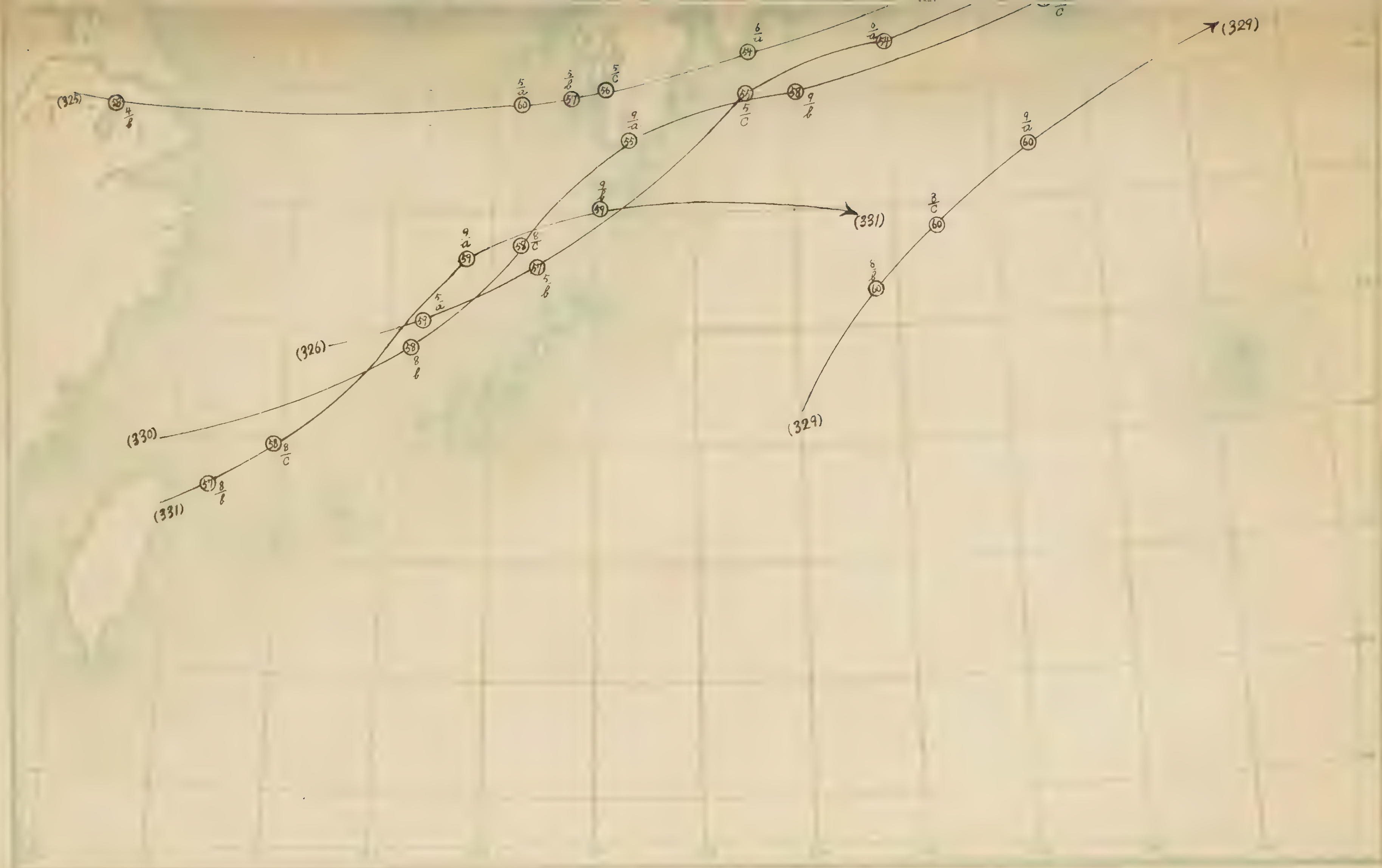
Part 2.




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PL. X.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
October, 1907.
Part 1.
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PL. X.

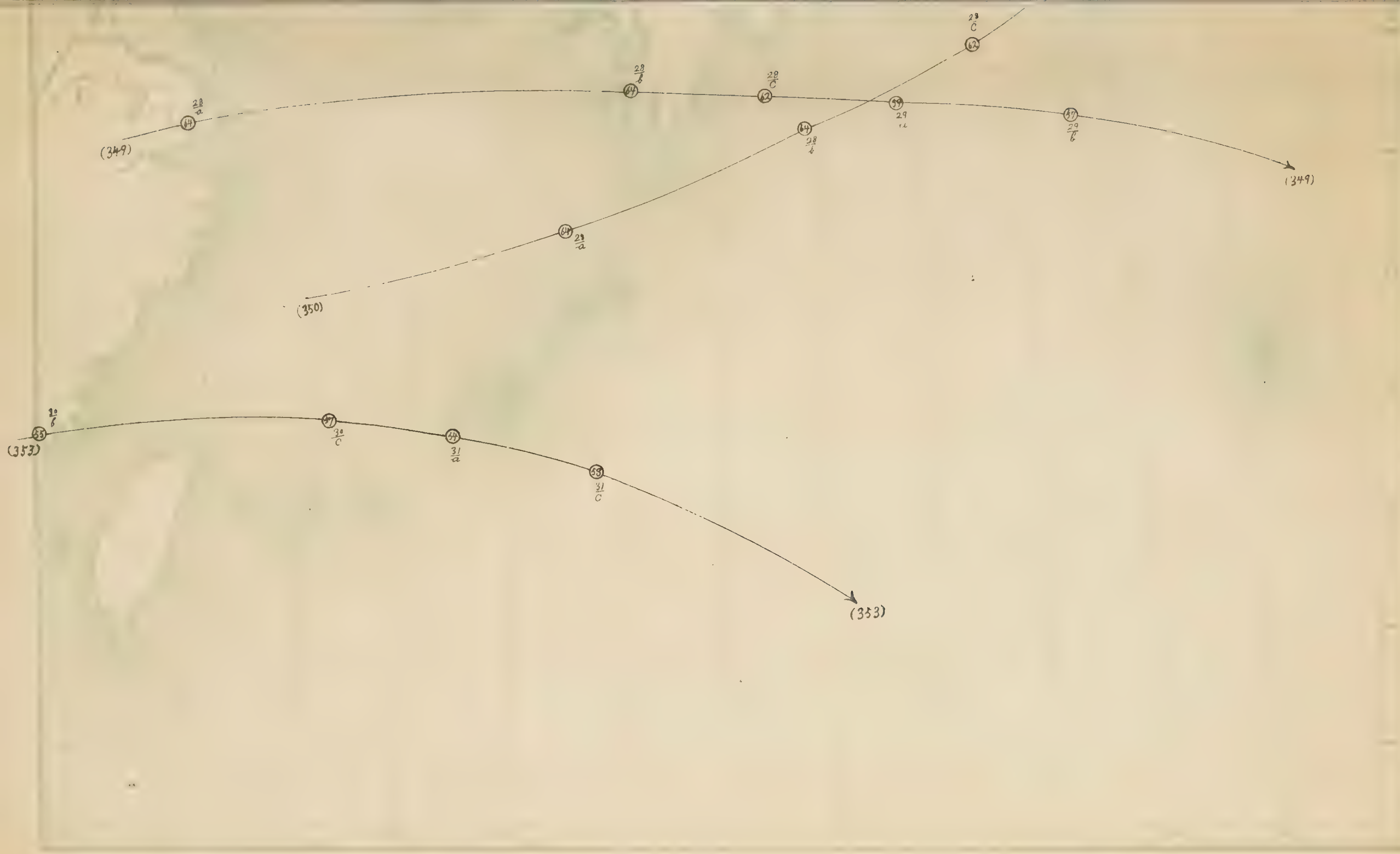


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
October, 1907.
Part 2.
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PL. X.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
October, 1907.
Part 3.
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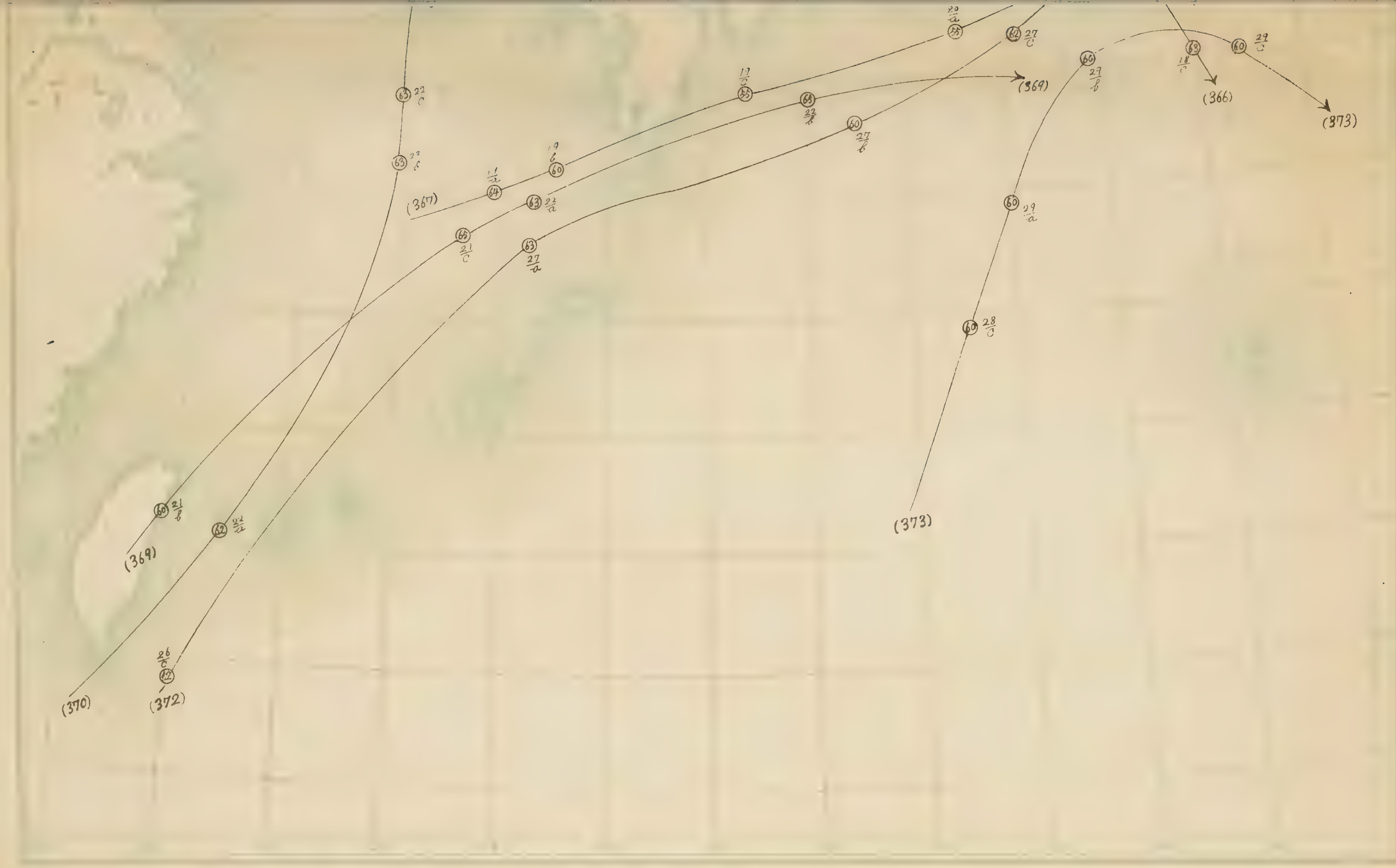

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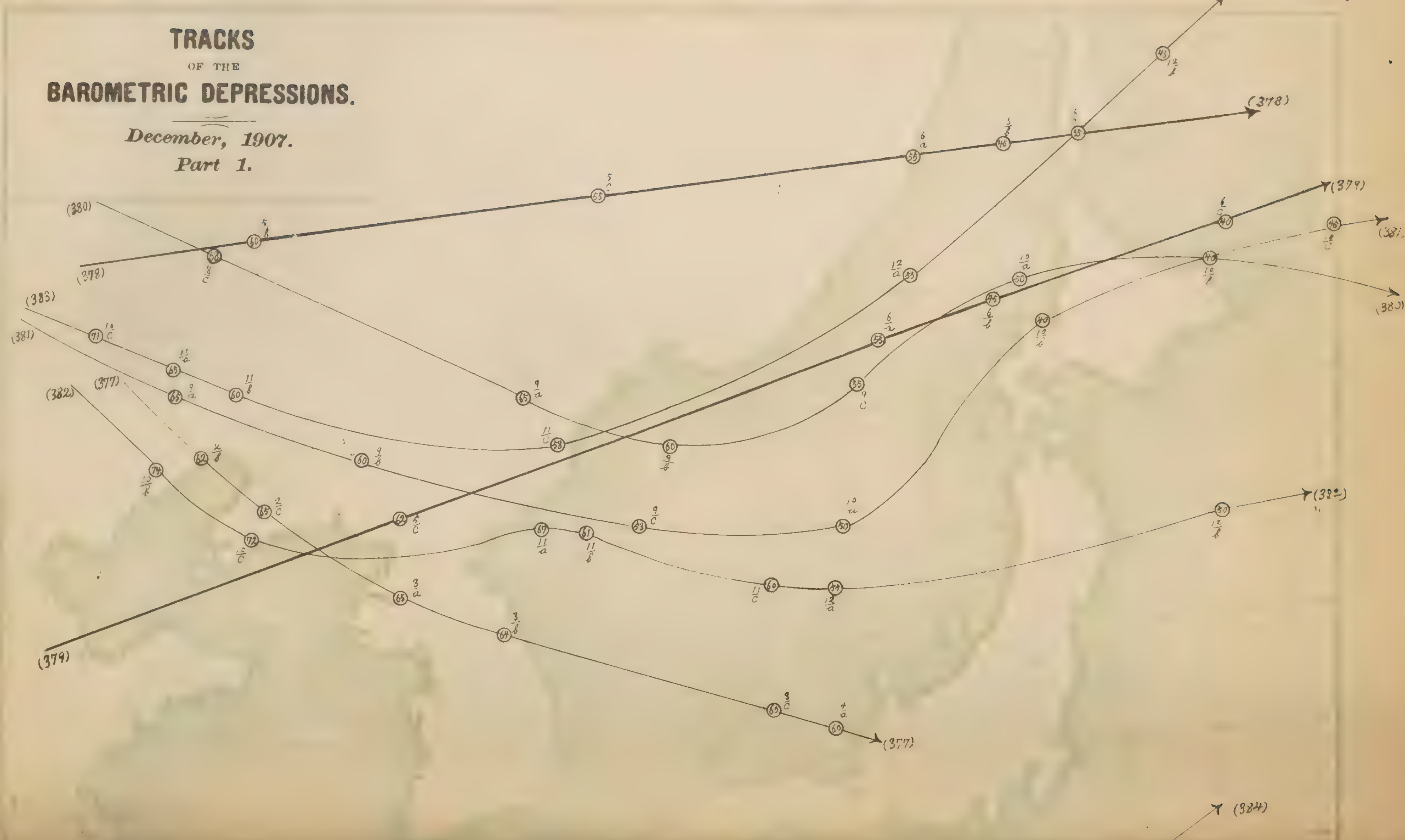
PL. XI.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
November, 1907.
Part 1.
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TRACKS
OF THE
BARGMETRIC DEPRESSIONS.
November, 1907.
Part 2.
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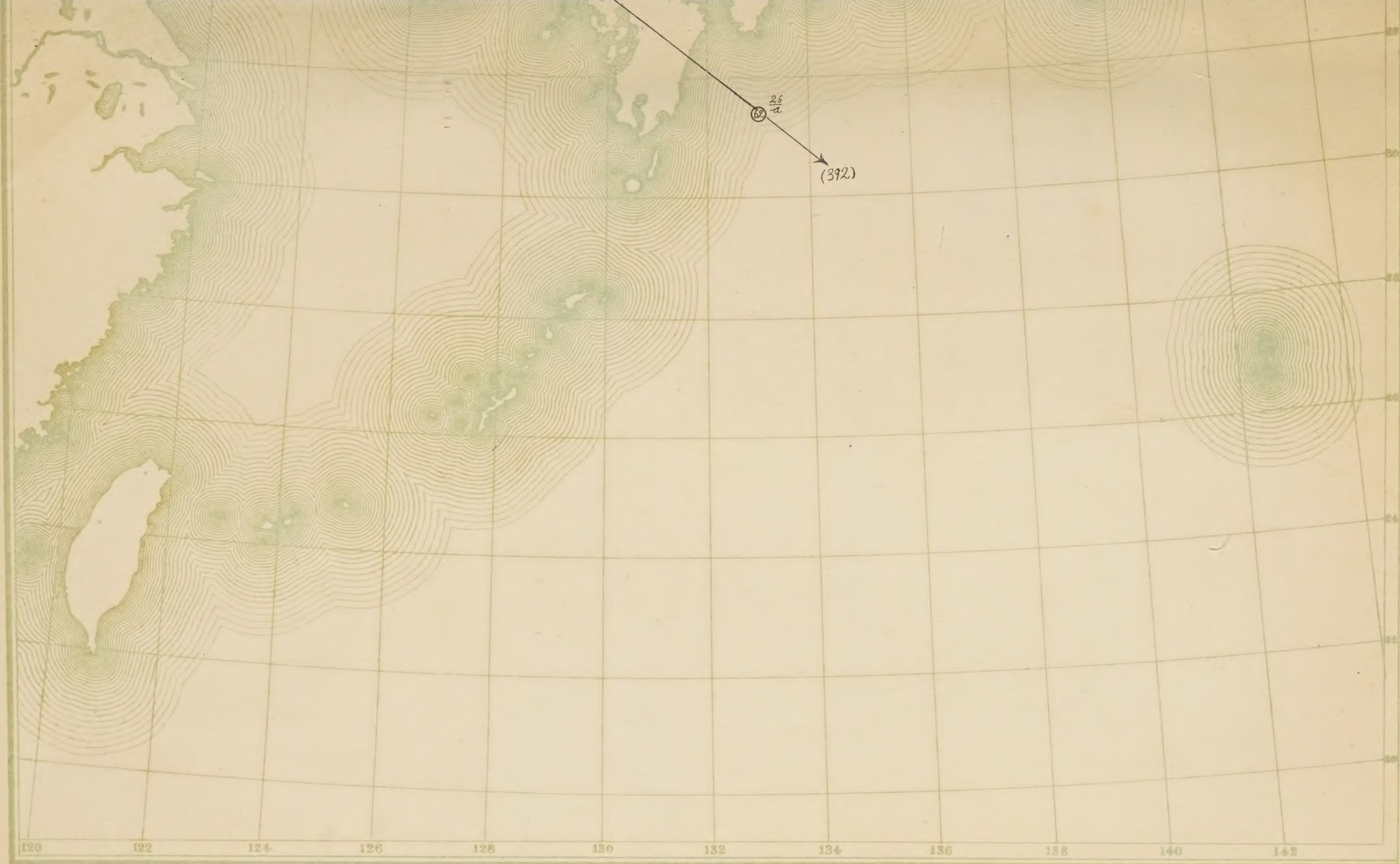

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TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
December, 1907.
Part 1.
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65 3/a
62 3/b
62 3/c
62 4/a
60 4/b
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60 11/a
60 11/b
60 11/c

PL. XII.


TRACKS
OF THE
BAROMETRIC DEPRESSIONS.
December, 1907.
Part 2.
(385)
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26/a
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